ATTACHMENT D

CASE STUDY - Senior Center

Page of Planning Interiors

The Steinberg Group

LEED STUDY FOR THE CITY OF SUNNYVALE

Case Study: Sunnyvale Senior Center

October 27, 2003

60 Pierce Avenue San Jose, California 95110 408.295.5446 Fax 408.295.5928

Case Study: FUH CITY OF SUNNYVALE Case Study: Sunnyvale Senior Center AS BUILT SCENARIO

		Possible	Potential for	Estimated	150/	T-4-1	T 0/ 1	
LEED 0 "	Decedution	LEED			15%	Total	% Increase	
LEED Credit	Description	Points	Senior Center	Material	Contractor	Estimated	to Base Bid	Comments
CHCTAINAD	I Lisniss (1988)	Points	Center	Cost	Mark Up	Cost	(\$7,988,000)	
CO Present	Erosion & Sedimentation Control	0	0	\$0	Land Comment Light of the	Tree of the second seco	O ON	
	Site Selection	1	1	\$0			0.0%	Incorporated in Original Design and Base Bid
SS 1	Urban Redevelopment	 		Φυ	φu	<u> </u>	0.0%	Incorporated in Original Design and Base Bid
SS 2	Brownfield Redevelopment	-						Non Applicable at Senior Center / Community Center Site
SS 3		 						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	 ;	 	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.		ļ			ļ		
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	 	ļ			<u> </u>		
SS 4.4	Alternative Transportation, Parking Capacity	1-1-						
SS 5.1	Reduced Site Disturbance, Protect of Restore Open Space							
SS 5.2	Reduced Site Disturbance, Development Footprint							Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity							
SS 6.2	Stormwater Management, Treatment	<u> </u>						
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1				1		
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	2	\$0	\$0	\$0	0.0%	
				·		1 44		
WATER EEF	CIENCY	建物域等						
WE 1.1	Water Efficient Landscaping, Reduce by 50%	1	•					
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1.						
WE 3.2	Water Use Reduction, 30% Reduction	1 .			_			
	WE SUBTOTAL	5	0	\$0	\$0	\$0	0.0%	
					ava Ali	30.5	,	
ENERGY &	TMOSPHERES TO THE TABLE OF THE TOTAL OF THE							
EA Prereq 1	Fundamental Building Systems Commissioning	0						
EA Prereq 2	Minimum Energy Performance	0 .	. 0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA Prereg 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated In Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2 ·	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2				l		The state of the s
EA 1.3	Optimize Energy Performance, 40% New / 30% Existing	2						
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2				l		
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2				l		
EA 2.1	Renewable Energy, 5%	1	1					
EA 2.2	Renewable Energy, 10%	1	i					
EA 2.3	Renewable Energy, 20%	i	 	\$598,900	inclusive	\$598,900	7.5%	Photovoltaic System - Add Alternate Incorporated in Original Design
EA 3	Additional Commissioning	i	l	7235,000		4000,000	7.078	note of the object of the management of the object of the
EA 4	Ozone Depletion	1						
EA 5	Measurement & Verification	1						
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
1	EA SUBTOTAL	17	5	\$598,900	\$0	\$598.900	7.5%	
		L	L	4000,000	Ψυ	ψουσ,συσ	1.070	<u>"</u>

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		Possible	Potential for	Estimated	Estimated	Total	Estimated %	
EED Credit	Description	LEED	Senior	Material	Contractor	Estimated	Cost	
		Points	Center	Cost	Mark Up	Cost	Increase	Comments
IATERIALS	KIRESOURCES SEE SEE SEE SEE SEE SEE SEE SEE SEE						increase	
	Storage & Collection of Recyclables	0	0	\$0	\$0			Incorporated in Original Design and Base Bid
IR 1.1	Building Reuse, Maintain 75% of Existing Shell	1				111111111111111111111111111111111111111	0.076	Non Applicable of Carland Base Bid
R 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
R 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
IR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	D 09/	Non Applicable at Senior Center / Community Center Site Incorporated in Original Design and Base Bid
R 2.2	Construction Waste Management, Divert 75%	1		75	- 49	Ψ0	0.076	incorporated in Original Design and Base Bid
R 3.1	Resource Reuse, Specify 5%	1				1		
R 3.2	Resource Reuse, Specify 10%	1						Non Applicable at Senior Center / Community Center Site
FI 4.1	Recycled Content, Specify 25%	1						Non Applicable at Sellior Center / Community Center Site
R 4.2	Recycled Content, Specify 50%	1						
R 5.1	Local/Regional materials, 20% Manufactured Locally	1						Non Applicable at O. J. O. J. Co.
R 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
R 6	Rapidly Renewable Materials	1						Non Applicable at Senior Center / Community Center Site
R7	Certified Wood					i		
	MR SUBTOTAL	13	1 1	\$0	\$0	Ø0	0.000	
	The state of the s				\$0	\$0	0.0%	
DOOR ENV	JRONMENTAL QUALITY & C. S.							
Q Preren 1	Minimum IAQ Performance	0	0	\$0	Mindred Company	AND THE PROPERTY OF THE PARTY O		
	Environmental Tobacco Smoke (ETS) Control	0	0	\$0 \$0		\$0	0.0%	Incorporated in Original Design and Base Bld
21	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1	-	\$ U	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
Q 2	Increase Ventilation Effectiveness							
Q 3.1	Construction IAQ Management Plan, During Construction	1	l					
Q 3.2	Construction IAQ Management Plan, Before Occupancy	1						
Q 4.1	Low-Emitting Materials, Adhesives & Sealants	1						
2 4.2	Low-Emitting Materials, Paints							
2 4.3	Low-Emitting Materials, Carpet							
2 4.4	Low-Emitting Materials, Composite Wood	- i -						
	Indoor Chemical & Pollutant Source Control	<u> </u>						
	Controllability of Systems, Perimeter	1						
2 6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0			
	Thermal Comfort, Comply with ASHRAE 55-1992		1	\$0	\$0 \$0	\$0	0.0%	Incorporated in Original Design and Base Bid
7.2	Thermal Comfort, permanent Monitoring System	- i -	1	\$0 \$0	\$0 \$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Daylight & Views, Daylight 75% of Spaces			Φ∪		\$0	0.0%	Incorporated in Original Design and Base Bid
	Daylight & Views, Views for 90% of Spaces		1	\$0				
	EQ SUBTOTAL	15	4		\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
		15		\$0	\$0	\$0	0.0%	
NOVATION	& DESIGNIPROCESS		1546252	Tale till Sedned Wal-			erande Lange (e. 1	The state of the s
	Innovation in Design: Specific Title	1						
	Innovation in Design: Specific Title							
1.3	Innovation in Design: Specific Title							7
1.4	Innovation in Design: Specific Title							DO DO
2	LEED Accredited Professional	- i - l		\$0	\$0			
	ID SUBTOTAL	5	-i $+$ i	\$0 \$0		\$0	0.0%	ncorporated in Original Design and Base Bid
				\$0	\$0	\$0	0.0%	A
				200	1111/12 \$ 1 1/3 P			
	IOIAIS			orechia de la la		l.	,	and the section of the section of the section and the section of t
	いている。このでは、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、	SE CONTRACTOR SE	新工業に関係を	\$598,900	####EEE50	\$598,900	75%	
		* .						
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					of
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LEED STUDY FOR CITY OF SUNNYVALE Case Study: Sunnyvale Senior Certier LEED CERTIFIED SCENARIO - 26 POINTS MINIMUM with Estimated Associated Building Costs

		Possible	Potential for	Estimated	15%	Total	% Increase	
EED Credit	Description	LEED	Senior	Material	Contractor	Estimated	to Base Bid	Comments
		Points	Center	Cost	Mark Up	Cost	(\$7,988,000)	
	LEISITES MET LE BETTE					開展製工業		
	Erosion & Sedimentation Control	0	0	\$0			0.0%	Incorporated in Orlginal Design and Base Bid
	Site Selection	1.	1	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
S 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
S 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
S 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1				· ······		
S 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1				,		,
S 4.4	Alternative Transportation, Parking Capacity	1	1	\$0		. ∮ \$0	0.0%	No Additional Cost
	Reduced Site Disturbance, Protect of Restore Open Space	1	11	. \$0	\$0	\$0	0.0%	No Additional Cost
S 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
S 6.1	Stormwater Management, Rate and Quantity	. 1						
S 6.2	Stormwater Management, Treatment	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1	1	\$0	\$0	· \$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	6	\$0	\$0	\$0	0.0%	
	The same of the sa		a 11.11V		a. censii			
ATER EEE	CIENCY PROGRAMMENT OF THE PROGRA				300000			
	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0		No Additional Cost
	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Clima
	Innovative Wastewater Technologies	.1						Non Applicable at Senior Center / Community Center Site
	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0		No Additional Cost - high efficiency fixtures
	Water Use Reduction, 30% Reduction	1						(inglication) (interior
	WE SUBTOTAL	5	2	\$0	\$0	\$0	0.0%	
				de la co		1		
NERGY & A	TMOSPHERE					DESCRIPTION OF THE PROPERTY.		
A Prereg 1	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
A Prereq 2	Minimum Energy Performance	. 0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
A Prereq 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
A 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0			Incorporated in Original Design and Base Bid
	Optimize Energy Performance, 30% New / 20% Existing	2						The state of the s
	Optimize Energy Performance, 40% New / 30% Existing	2		1.7		}		·
	Optimize Energy Performance, 50% New / 40% Existing	2						
	Optimize Energy Performance, 60% New / 50% Existing	2				C)		
	Renewable Energy, 5%	1	474.344	and the state of the			\$14.75	
A 2.2	Renewable Energy, 10%	1	5			A	***************************************	•
	Renewable Energy, 20%	. 1						
	Additional Commissioning	1			ing a fee	- 7		7
A 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost to
	Measurement & Verification	. 1		(Daniel Company	5.4		36
	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	3	\$25,000	\$0	\$25,000	0.3%	The second of th

LEED STUDY F Y OF SUNNYVALE Case Study: Sunday Ale Senior Center LEED CERTIFIED SCENARIO - 26 POINTS MINIMUM with Estimated Associated Building Costs

EED Credit		Possible LEED Points	Potential for Senior Center	Estimated Material Cost	Estimated Contractor Mark Up	Total Estimated Cost	Estimated % Cost Increase	Comments
MATERIALS	WIRESOURCES TO THE PROPERTY OF						mcrease	
AR Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.09	
IR 1.1	Building Reuse, Maintain 75% of Existing Shell	1			40	ΨΟ	0.076	Incorporated in Original Design and Base Bid
R 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
IR 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
IR 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0		Non Applicable at Senior Center / Community Center Site
R 2.2	Construction Waste Management, Divert 75%	1	1	\$0	\$0	\$0 \$0	0.0%	Incorporated in Original Design and Base Bld
R 3.1	Resource Reuse, Specify 5%	1			ΨΟ	Ψυ	0.0%	No Additional Cost
IR 3.2	Resource Reuse, Specify 10%	1						
R 4.1	Recycled Content, Specify 25%	1	1	\$0	PO			Non Applicable at Senior Center / Community Center Site
R 4.2	Recycled Content, Specify 50%	1	 		\$0	\$0	0.0%	No Additional Cost
R 5.1	Local/Regional materials, 20% Manufactured Locally	1			unammannusin			
R 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
	y service a service and servic							Non Applicable at Senior Center / Community Center Site
R6	Rapidly Renewable Materials	1	1	6000				Bamboo flooring @MP Room, Lobby Corridors & Laurge, Linder & D.
R 7	Certified Wood	1	 	-\$800	\$0	\$*~-\$800	0.0%	Rooms - Need 5% of total building materials cost for credit
	MR SUBTOTAL	13						
		13	4	-\$800	\$0	-\$800	0.0%	
DOOR FAN	HONMENTAL QUALITY		250000000000000000000000000000000000000		30	17 it	J. S. S. S.	
) Preren 1	Minimum IAQ Performance							
Prered 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
1100042	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
22	Increase Ventilation Effectiveness	1						The state of the s
	Construction IAC Management Plan Paris Construction IAC M	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
2 3.1	Construction IAQ Management Plan, During Construction	1			- 100 m			
24.1	Construction IAQ Management Plan, Before Occupancy	1 .			194			
24.1	Low-Emitting Materials, Adhesives & Sealants	1		\$0	\$0	\$0	0.0%	No Additional Cost
	Low-Emitting Materials, Paints	11	1	\$0	\$0	\$0		No Additional Cost
4.3	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0		No Additional Cost
4.4	Low-Emitting Materials, Composite Wood	1	1.	\$0	\$0	\$0		No Additional Cost
15	Indoor Chemical & Pollutant Source Control	1 1		er e tapi at lete i u		Ψ0	0.0781	NO Additional Cost
6.1	Controllability of Systems, Perimeter	. 1		7 25, 1				
6.2	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.09	
7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	ncorporated in Original Design and Base Bid
7.2	Thermal Comfort, permanent Monitoring System	.1	1	\$0	\$0	\$0	0.0%	ncorporated in Original Design and Base Bid
8.1	Daylight & Views, Daylight 75% of Spaces	1.			40		0.0% 1	ncorporated in Original Design and Base Bid
	Daylight & Views, Views for 90% of Spaces	1	1.	\$0	\$0	\$0	0.0%	
	EQ SUBTOTAL	15	9	\$0	\$0	\$0	0.0%	ncorporated in Original Design and Base Bid
				ΨΟ	Ψ υ,	Φ U	0.0%	
IOVATION	&DESIGN PROCESS PEGAL TO A SECOND PROCESS PROC							
1.1	nnovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.09	
1.2	nnovation in Design: Specific Title	1			- VO		0.0%	Sustainable Educational Display
1.3	nnovation in Design: Specific Title	1						
	nnovation in Design: Specific Title	1						
	EED Accredited Professional	1	1	\$0	\$0		-ایدج	\$ 44
ļi	D SUBTOTAL	5	2	\$0		\$0	0.0% li	ncorporated in Original Design and Base Bid
				ΦU	\$0	\$0	0.0%	
								
	OTALS CONTRACTOR OF THE PROPERTY OF THE PROPER	2500		Total Control	3000 3.40	(seedings, i) - seedings	d Complete Company	
	。 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	经的DA 金属	题 26 m 2 m	\$ 24.200 E	数据数据·SD 体	\$\$2450nd	等。	WIND COUNTY OF THE COUNTY OF T

LEED STUDY FOR CITY OF SUNNYVALE Case Study: Sunnyvale Senior Center LEED SILVER SCENARIO - 33 POINTS MINIMUM

with Estimated Associated Building Costs

		Possible	Potential for	Estimated	15%	Total	% Increase	
LEED Credit	Description	LEED	Senior	Material	Contractor	Estimated	to Base Bid	Comments
		Points	Center	Cost	Mark Up	`∫Cost	(\$7,988,000)	La Tible on Assistance of Colors and a second
	ESITES 医异异性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种							
	Erosion & Sedimentation Control	0	. 0	\$0		\$0		Incorporated in Original Design and Base Bid
SS 1	Site Selection	11	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Urban Redevelopment	11						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1 1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 4,2	Alternative Transportation, Blcycle Storage & Changing Rm.	11						
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	11	1 1	\$8,000	\$1,200	\$9,200		Two dual electric vehicle charging stations
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0		\$0		No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect of Restore Open Space	11	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1		<u> </u>				
SS 6.2	Stormwater Management, Treatment	11	11	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	11						
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	11	1	\$0	\$0	1 \$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	11						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	7	\$8,000	\$1,200	\$9,200	0.1%	
	CIENCY CONTROL OF THE PROPERTY							
	Water Efficient Landscaping, Reduce by 50%	11	1	\$0	\$0	1 \$0	0.0%	No Additional Cost
	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE2	Innovative Wastewater Technologies	11						Non Applicable at Senior Center / Community Center Site
	Water Use Reduction, 20% Reduction	1 .	1 1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1						
-	WE SUBTOTAL	5	2	\$0	\$0	\$0	0.0%	
	IMOSPHERE:		国際開催					
	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0	\$25,000	0.3%	Commissioning Consultant contracted by Owner
	Minimum Energy Performance	0	0	\$0		\$0	0.0%	Incorporated in Original Design and Base Bid
	CFC Reduction in HVAC&R Equipment	0	0 .	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1,2	Optimize Energy Performance, 30% New / 20% Existing	2						·
	Optimize Energy Performance, 40% New / 30% Existing	2						
	Optimize Energy Performance, 50% New / 40% Existing	2						
	Optimize Energy Performance, 60% New / 50% Existing	. 2		10000				
	Renewable Energy, 5%	11		المراكب فيكونون				
	Renewable Energy, 10%	11						ם"
	Renewable Energy, 20%							٦ ي
	Additional Commissioning	1	<u> </u>	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Over
	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Measurement & Verification	<u>1 · </u>				***************************************		
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	4	\$35,000	\$0	\$35,000	0.4%	

LEED STUDY F Y OF SUNNYVALE Case Study: Stranyvale Senior Center LEED SILVER SCENARIO - 33 POINTS MINIMUM with Estimated Associated Building Costs

			·					
LEED Credit	Description	Possible	Potential fo		Estimated	Total	Estimated %	6
LEED GIEGIL	Description	LEED	Senior	Material	Contractor	Estimated	Cost	Comments
MATERIANO	 	Points	Center	Cost	Mark Up	Cost	Increase	Continients
MR Present	RESOURGES Storage & Collection of Recyclables							
MR 1.1	Building Reuse, Maintain 75% of Existing Shell	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
VIR 2.1	Construction Waste Management, Divert 50%	1						Non Applicable at Senior Center / Community Center Site
VIII 2.1	Construction Waste Management, Divert 75%	11	1 1	\$0	\$0			6 Incorporated in Original Design and Base Bid
	Resource Reuse, Specify 5%	1	1	\$0	\$0	\$ 0	0.0%	6 No Additional Cost
MR 3.2	Resource Reuse, Specify 10%					آوائم.	1.5	
	Recycled Content, Specify 25%							Non Applicable at Senior Center / Community Center Site
MR 4.2	Recycled Content, Specify 50%	1	11	\$0	\$0	\$0	0.0%	No Additional Cost.
MR 5.1	Local/Regional materials, 20% Manufactured Locally	1						
IR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
1110.2	cocarriegional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
MR6.	Rapidly Renewable Materials	_						Bamboo flooring @MP Room, Lobby, Corridors & Lounge Lingleym @ Progress
MR7	Certified Wood		11	-\$800	\$0	-\$800	0.0%	Rooms - Need 5% of total building materials cost for credit
	MR SUBTOTAL	1						The state of the s
	WIN SUBTUTAL	13	4	-\$800	\$0	√~~\$800	0.0%	
IDOOD ENV	IHONMENT ACTOURED YET				3.4	<u> </u>		Company of the compan
O Prereg 1	Minimum IAQ Performance					China confluent activation.		
Prereg 2	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Rid
21161642	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Increase Ventilation Effectiveness							
	Construction IAQ Management Plan, During Construction	1.		\$0	\$0	\$0	0.0%	No Additional Cost
33.1	Construction IAQ Management Plan, Before Occupancy	1	11	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bidg.)
Q 4.1	Low-Emitting Materials, Adhesives & Sealants			\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
	Low-Emitting Materials, Adnesives & Sealants	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Low-Emitting Materials, Carpet		1	\$0	\$0	\$0		No Additional Cost
	Low-Emitting Materials, Composite Wood		1	\$0	\$0	\$0		No Additional Cost
	Indoor Chemical & Pollutant Source Control	1		\$0	\$0	\$0	0.0%	No Additional Cost
	Controllability of Systems, Perimeter							
	Controllability of Systems, Non-Perimeter		1	- PO				
	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0 \$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Thermal Comfort, permanent Monitoring System	1		\$0	\$0 \$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Daylight & Views, Daylight 75% of Spaces	- i - 		\$6,000	\$900	\$0	0.0%	Incorporated in Original Design and Base Bid
	Daylight & Views, Views for 90% of Spaces	i	1	\$0,000	\$900	\$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
	EQ SUBTOTAL	15	12	\$20,000		\$0	0.076	Incorporated in Original Design and Base Bid
				\$20,000	\$1,950	\$21,950	0.3%	- T
NOVATION	&IDESIGNIPROCESS AND						STATE OF THE STATE	0
1.1	nnovation in Design: Specific Title	1	1	\$0	\$0			
1.2	nnovation in Design: Specific Title	1	1	\$0	\$0	\$0 \$0	0.0%	Sustainable Educational Display
	nnovation in Design: Specific Title	1 1	1	\$10,000	\$0 \$0	\$10,000	0.0%	Develop Maintenance Program using Environmental cleaning materials
1.4	nnovation in Design: Specific Title	1		Ψ.υ,υυυ	- JU	Φ10,000	0.1%	Substantially exceed a LEED performance credit
	EED Accredited Professional	1	1	\$0	\$0	\$0	0.00	
1	D SUBTOTAL.	5	4	\$10,000			0.0%	Incorporated in Original Design and Base Bid
				\$10,000	\$0	\$10,000	0.1%	
1								
Cap Guerra	OTALS TO THE STATE OF THE STATE	SHEOSINE	MENOPHEN I	Arrana Arrana S	The state of the s	Selventine L	Acceptance of	9,
THE PERSON NAMED IN								

LEED STUDY FOR CITY OF SUNNYVALE Case Study: Sunnyvale Senior Center LEED GOLD SCENARIO - 39 POINTS MINIMUM with Estimated Associated Building Costs

1		D	5	=	450			
. === 0	D	Possible LEED	Potential for	Estimated	15%	Total	% Increase	
LEED Credit	Description	Points	Senior	Material	Contractor	Estimated	to Base Bid	Comments
		Points	Center	Cost	Mark Up	Cost	(\$7,988,000)	The first term of the second s
	EISITES DE SUS DE	Hally De Kester - 10: page -						
	Erosion & Sedimentation Control	0	0	\$0 \$0			0.0%	Incorporated in Original Design and Base Bid
	Site Selection	1	1	ΦU	φu	\$0		Incorporated in Original Design and Base Bid
	Urban Redevelopment	 						Non Applicable at Senior Center / Community Center Site
	Brownfield Redevelopment	<u> </u>						Non Applicable at Senior Center / Community Center Site
	Alternative Transportation, Public Trans. Access	 		\$0				Incorporated in Original Design and Base Bid
	Alternative Transportation, Bicycle Storage & Changing Rm.			\$11,000	\$1,650			Men's & Women's Changing Room with shower
	Alternative Transportation, Alternative Fuel Refueling Stations		1	\$8,000	\$1,200	\$9,200		Two dual electric vehicle charging stations
	Alternative Transportation, Parking Capacity	1	1	\$0		° \$0		No Additional Cost
	Reduced Site Disturbance, Protect of Restore Open Space	!	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Reduced Site Disturbance, Development Footprint							Non Applicable considering Senior Center Program
	Stormwater Management, Rate and Quantity	11			80.			
	Stormwater Management, Treatment	11	11	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	11	1	\$11,400	\$1,710			Add 30% more 24" box trees
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	11	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	9	\$30,400	\$4,560	\$34,960	0.4%	
	and the second of the second o			فيرد مشملتان والمناف			:	
	CIENCY CONTROL OF THE PROPERTY							
	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
	Water Use Reduction, 20% Reduction	11	1	\$0			0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	11	1	\$15,400	\$2,310			High efficiency / low flow plumbing fixtures and sensors
	WE SUBTOTAL	5	3	\$15,400	\$2,310	\$17,710	0.2%	
1,	e de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya dela companya de la companya de la companya dela companya de la companya dela companya de la companya dela c		2		er a caracteria			
	TMOSPHERE SPECIFICATION OF THE PROPERTY OF THE							
	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0		0.3%	Commissioning Consultant contracted by Owner
	Minimum Energy Performance	0	0	\$0	\$0			Incorporated in Original Design and Base Bid
EA Prereq 3	CFC Reduction in HVAC&R Equipment	. 0	0 ·	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.2	Optimize Energy Performance, 30% New / 20% Existing	2						
	Optimize Energy Performance, 40% New / 30% Existing	2						
	Optimize Energy Performance, 50% New / 40% Existing	2						
	Optimize Energy Performance, 60% New / 50% Existing	2		to a server		J. 71 6 1		
	Renewable Energy, 5%	1				1		
	Renewable Energy, 10%	1						
EA 2.3	Renewable Energy, 20%	1						
	Additional Commissioning	1	1	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Owner
	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Measurement & Verification	1						2
	Green Power	. 1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	17	4	\$35,000	\$0	\$35,000	0.4%	

LEED STUDY I IY OF SUNNYVALE Case Study: Sundyvale Senior Center LEED GOLD SCENARIO - 39 POINTS MINIMUM with Estimated Associated Building Costs

		Possible	Potential for	Estimated	Estimated	Total	Estimated %	
EED Credit	Description	LEED	Senior	Material	Contractor	Estimated	Cost	Comments
		Points	Center	Cost	Mark Up	Cost	Increase	obilitionis .
ATERIALS	RESOURCES TO THE PROPERTY OF T	建建學問題 問						
R Prereq 1	Storage & Collection of Recyclables	0	0	\$0	\$0	\$0	0.0%	Incorporated In Original Design and Base Bid
R 1.1	Building Reuse, Maintain 75% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
R 1.2	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
R 1.3	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
R 2.1	Construction Waste Management, Divert 50%	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
7 2.2	Construction Waste Management, Divert 75%	. 1	1	\$0		\$0	0.0%	No Additional Cost
7 3.1	Resource Reuse, Specify 5%	1				T-		TO TOURISTIC COOL
7 3.2	Resource Reuse, Specify 10%	1						Non Applicable at Senior Center / Community Center Site
3 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
3 4.2	Recycled Content, Specify 50%	i	i	\$15,000				Promium for blat rounds and a total to the state of the s
7 5.1	Local/Regional materials, 20% Manufactured Locally	* 1		Ψ13,000	φ2,230	(-\$11,230	0.276	Premium for high recycle content materials such as ceiling tiles, & ceramic tile
35.2	Local/Regional materials, 25 % Manufactured Eccally Local/Regional materials, of 20% Above, 50% Harvested Locally	1						Non Applicable at Senior Center / Community Center Site
1 3.4	Local Regional materials, of 20% Above, 50% Harvested Locally	<u> </u>						Non Applicable at Senior Center / Community Center Site
	Daniella Bergaralia	1.	1 1	# 000		****		Bamboo flooring @MP Room, Lobby, Corridors & Lounge, Linoleum @ Program
76 77	Rapidly Renewable Materials		<u>-</u>	-\$800	\$0	-\$800	0.0%	Rooms - Need 5% of total building materials cost for credit
1/	Certified Wood			24 4 222				
	MR SUBTOTAL	. 13	5	\$14,200	\$2,250	\$16,450	0.2%	
		20.20 and 10.20	CARL CARL CARL CARL	AND THE WATER TOWNS	PR-9524450-01-21-71-4			and the control of th
	HONMENTAL QUALITY SEED FOR PARTY OF THE PART							
	Minimum IAQ Performance	0	0	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated In Original Design and Base Bid
11	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1		an arriver server	10 miles 10 miles	ykur <u>i</u>	15 18 19	
12 .	Increase Ventilation Effectiveness	1	1	\$0	\$0	\$0		No Additional Cost
3.1	Construction IAQ Management Plan, During Construction	1	1	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bldg.)
3.2	Construction IAQ Management Plan, Before Occupancy	1	1	\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
4.1	Low-Emitting Materials, Adhesives & Sealants	1	1	\$0	\$0	\$0		No Additional Cost
4.2	Low-Emitting Materials, Paints	. 1	. 1	\$0	\$0	ຶ \$0	0.0%	No Additional Cost
4.3	Low-Emitting Materials, Carpet	1	1 1	\$0	\$0	\$0		No Additional Cost
4.4	Low-Emitting Materials, Composite Wood	. 1	1	\$0	\$0	\$0	0.0%	No Additional Cost
15	Indoor Chemical & Pollutant Source Control	1	1	\$10,000	\$1,500	1\$11,500		Entryway grilles/grates at Main & Patio Doors
6.1	Controllability of Systems, Perimeter	1 1	1.	\$9,000	\$1,350	\$10,350	0.1%	Operable windows @ bottom pane of all aluminum storefront windows
6.2	Controllability of Systems, Non-Perimeter	. 1	1	\$0	\$0	- \$0	0.0%	Incorporated in Original Design and Base Bid
7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1,	1.	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
8.1	Daylight & Views, Daylight 75% of Spaces	1	1	\$6,000	\$900	\$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	14	\$39,000	\$4,800	\$43,800	0.5%	U U
					Sales and Contract in	Ψ 10,000	0.070	<u> </u>
IOVATION	& DESIGN PROCESS III 22 MP PROPERTY IN SECURIOR PROCESS III 22 MP PROPERTY III PRO							
1.1	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	%n n	Sustainable Educational Display
1.2	Innovation in Design: Specific Title	1	i	\$0	\$0	\$0	0.0%	Develop Maintenance Program using Environmental cleaning materials
	Innovation in Design: Specific Title	1	1	\$10,000	\$0	\$10,000	0.076	Cubetoptially avecad at EED
	Innovation in Design: Specific Title	1	-	+.0,000		Ψ.υ,υυυ	0.178	Substantially exceed a LEED performance credit
	LEED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL.	5	4	\$10,000	\$0	\$10,000		meorporated in Original Design and base Bid
	00010170	<u>_</u>		#10,000	\$ 0	\$10,000	0.1%	
			78/0.38e			Mark solvenie.	ger Beset of Burk Arthur	<u> Maria da Cara de Argados de Cara de </u>
								Sand Control of the C
	でした。これは世界には他には、これでは、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本の	SHEET OF SHEET	STEED STEED	## 5144 000	54513,920	35157,920	第220%	

Case Study: Sunnyvale Senior Center LEED PLATINUM SCENARIO - 52 POINTS MINIMUM with Estimated Associated Building Costs

					·			
l '		Possible	Potential for	Estimated	15%	Total	% Increase	
LEED Credit	Description	LEED	Senior	Material	Contractor	Estimated	to Base Bid	Comments
		Points	Center	Cost	Mark Up	Cost	(\$7,988,000)	•
SUSTAINABI	ESIJES是常地市的美洲海洋海洋经济经济经济发展。	美國新華國際						
SS Prereg 1	Erosion & Sedimentation Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
SS 1	Site Selection	1	1	\$0	\$0			Incorporated in Original Design and Base Bid
SS 2	Urban Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 3	Brownfield Redevelopment	1						Non Applicable at Senior Center / Community Center Site
SS 4.1	Alternative Transportation, Public Trans. Access	1	1	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
SS 4.2	Alternative Transportation, Bicycle Storage & Changing Rm.	1	1	\$11,000	\$1,650	\$12,650	0.2%	Men's & Women's Changing Room with shower
SS 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1	1	\$8,000	\$1,200		0.1%	Two dual electric vehicle charging stations
SS 4.4	Alternative Transportation, Parking Capacity	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 5.1	Reduced Site Disturbance, Protect of Restore Open Space	1	1	\$0	\$0	\$0		No Additional Cost
SS 5.2	Reduced Site Disturbance, Development Footprint	1						Non Applicable considering Senior Center Program
SS 6.1	Stormwater Management, Rate and Quantity	1	.1	\$33,000	\$4,950	\$37,950	0.5%	Pervious Paving at Parking Lots
SS 6.2	Stormwater Management, Treatment	1	1.	\$0	\$0	\$0	0.0%	No Additional Cost - Implement EPA's Best Mgmt Practices Post-Construction
SS 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-roof	1	1	\$11,400	\$1,710	\$13,110	0.2%	Add 30% more 24" box trees
SS 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	. 1	1	\$0	\$0	\$0	0.0%	No Additional Cost
SS 8	Light Pollution Reduction	1						Non Applicable at Senior Center / Community Center Public Parking Lot
	SS SUBTOTAL	14	. 10	\$63,400	\$9,510	\$72,910	0.9%	
	Control of the Contro	All Section	on the control of	maga ta america a ser di sal	Long to deal floor	TO NEW YORK OF THE		
WATER EEE	CIENCY 2013 FOR THE PARTY OF TH							
	Water Efficient Landscaping, Reduce by 50%	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
WE 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1						Non Applicable at Senior Center / Community Center Park in California Climate
WE 2	Innovative Wastewater Technologies	1						Non Applicable at Senior Center / Community Center Site
WE 3.1	Water Use Reduction, 20% Reduction	1	1	\$0	\$0	\$0	0.0%	No Additional Cost - high efficiency fixtures
WE 3.2	Water Use Reduction, 30% Reduction	1	1	\$15,400	\$2,310			High efficiency / low flow plumbing fixtures and sensors
	WE SUBTOTAL	5	3	\$15,400	\$2,310			
				1981	11 . 1 . 271 . 25.24	111111111111		
ENERGY &	IMOSPHERE TO THE RESERVE TO THE STATE OF THE							
	Fundamental Building Systems Commissioning	0	0	\$25,000	\$0		0.3%	Commissioning Consultant contracted by Owner
	Minimum Energy Performance	0	0	\$0	\$0	\$0		Incorporated in Original Design and Base Bid
EA Prereg 3	CFC Reduction in HVAC&R Equipment	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
EA 1.1	Optimize Energy Performance, 20% New / 10% Existing	2	2 .	\$0		50		Incorporated in Original Design and Base Bid
	Optimize Energy Performance, 30% New / 20% Existing	2	2			j i		
	Optimize Energy Performance, 40% New / 30% Existing	2	2	ega ta a g	and the second			High Efficiency Water Chilled HVAC System, High Performanc Glazing, Raised
EA 1.4	Optimize Energy Performance, 50% New / 40% Existing	2	2	\$250,000	\$37,500	\$287,500		Floor Plenem air circulation
EA 1.5	Optimize Energy Performance, 60% New / 50% Existing	2						
EA 2.1	Renewable Energy, 5%	.1	1	gual nee anna	A	1		
EA 2.2	Renewable Energy, 10%	1	1	lafatis a villa	The state of the s		84 d 1 d 1 d 1	
EA 2.3	Renewable Energy, 20%	* 1	1	\$598,900	inclusive	\$598,900	7.5%	Photovoltaic System - Add Alternate Incorporated in Original Design
EA 3	Additional Commissioning	1	1	\$10,000	\$0	\$10,000	0.1%	Additional testing and reports - Commissioning Consultant Contracted by Owner
EA 4	Ozone Depletion	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
	Measurement & Verification	1		\$20,000	\$0			Professional Services of Energy Consultant contracted by Owner
EA 6	Green Power	1						Non Applicable at Senior Center / Community Center Site
	EA SUBTOTAL	- 17	14	\$903,900	\$37,500	\$941,400	11.8%	2
								<u>re</u>

LEED STUDY F

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Case Study:

ale Senior Center

LEED PLATINUM SCENARIO - 52 POINTS MINIMUM

with Estimated Associated Building Costs

LEED Credit	Description	Possible LEED	Potential for Senior		Estimated	Total	Estimated %	
LEED Cledit	Description			Material	Contractor	Estimated	Cost	Comments
INTEDIALE	A RESOURCES	Points	Center	Cost	Mark Up	Cost	Increase	
	Storage & Collection of Recyclables	0	0			- sup our leading the little and		
R 1.1	Building Reuse, Maintain 75% of Existing Shell	1		\$0	\$ 0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Building Reuse, Maintain 100% of Existing Shell	1						Non Applicable at Senior Center / Community Center Site
		1						Non Applicable at Senior Center / Community Center Site
MR 1.3 MR 2.1	Building Reuse, Maintain 100% of Existing Shell & 50% Non-Shell	1						Non Applicable at Senior Center / Community Center Site
/IH 2.1 /IH 2.2	Construction Waste Management, Divert 50% Construction Waste Management, Divert 75%		1	\$0			0.0%	Incorporated in Original Design and Base Bid
		1	11	\$0	\$0	-\$0	0.0%	No Additional Cost
/IR 3.1	Resource Reuse, Specify 5%	1		418000000000000000000000000000000000000		***************************************		
1R 3.2	Resource Reuse, Specify 10%							Non Applicable at Senior Center / Community Center Site
/IR 4.1	Recycled Content, Specify 25%	1	1	\$0	\$0			No Additional Cost
/IR 4.2	Recycled Content, Specify 50%	11	1	\$15,000	\$2,250	\$17,250	0.2%	Premium for high recycle content materials such as ceiling tiles, & ceramic
/IR 5.1	Local/Regional materials, 20% Manufactured Locally	11						Non Applicable at Senior Center / Community Center Site
/IR 5.2	Local/Regional materials, of 20% Above, 50% Harvested Locally	1.						Non Applicable at Senior Center / Community Center Site
								Bamboo flooring @MP Room, Lobby, Corridors & Lounge Lincleum @ Pr
/R 6	Rapidly Renewable Materials	1	1	-\$800	\$0	-\$800	0.0%	Hooms - Need 5% of total building materials cost for credit
/IR 7	Certified Wood	1	1	\$20,000	\$3,000	\$23,000	0.3%	Certified Wood in Roof Framing
	MR SUBTOTAL	13	6	\$34,200	\$5,250	\$39,450	0.5%	
						10		
	HONMENTAL QUALITY							
	Minimum IAQ Performance .		0	. \$0	\$0	\$ \$0	0.0%	Incorporated in Original Design and Base Bid
	Environmental Tobacco Smoke (ETS) Control	0	0	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
Q 1	Carbon Dioxide (CO2) Monitoring Increase Ventilation Effectiveness	1	1	\$25,000	\$3,750	\$28,750	0.4%	Economizers
Q2	Increase Ventilation Effectiveness	11	1	\$0	\$0	\$0		No Additional Cost
	Construction IAQ Management Plan, During Construction	1	1	\$7,000	\$1,050	\$8,050	0.1%	Filters & mitigation measures for adjacent buildings (Recreation Bldg.)
	Construction IAQ Management Plan, Before Occupancy	1	1	\$7,000	\$0	\$7,000	0.1%	Supervision of Building Flush Out
Q 4.1	Low-Emitting Materials, Adhesives & Sealants	11	1	\$0	\$0	\$0	0.0%	No Additional Cost
Q 4.2	Low-Emitting Materials, Paints	1	1	\$0	\$0	\$0		No Additional Cost
	Low-Emitting Materials, Carpet	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
Q 4.4	Low-Emitting Materials, Composite Wood	1	1	\$0	\$0	\$0	0.0%	No Additional Cost
Q 5	Indoor Chemical & Pollutant Source Control	1	1	\$10,000	\$1,500	\$11,500	0.1%	Entryway grilles/grates at Main & Patio Doors
Q 6.1	Controllability of Systems, Perimeter	1	1	. \$9,000	\$1,350	\$10,350	0.1%	Operable windows @ bottom pane of all aluminum storefront windows
	Controllability of Systems, Non-Perimeter	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Thermal Comfort, Comply with ASHRAE 55-1992	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Thermal Comfort, permanent Monitoring System	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	Daylight & Views, Daylight 75% of Spaces	1	1	\$6,000	\$900	5 \$6,900	0.1%	Increase storefront glazing +70 SF, add (3) 4'x4' horizontal skylights
Q 8.2	Daylight & Views, Views for 90% of Spaces	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	EQ SUBTOTAL	15	15	\$64,000	\$8,550	\$72,550	0.9%	The state of the s
						T.a.		
	& DESIGN PROCESS 管理管理的影響。							
	Innovation In Design: Specific Title	1	1	\$0	\$0	\$ \$0	0.0%	Sustainable Educational Display
1.2	Innovation in Design: Specific Title	1	1	\$0	\$0	\$0	0.0%	Develop Maintenance Program using Environmental cleaning materials
	Innovation in Design: Specific Title	1	1	\$10,000	\$0	\$10,000	0.1%	Substantially exceed a LEED performance credit
	Innovation in Design: Specific Title	11					1	
	LÉED Accredited Professional	1	1	\$0	\$0	\$0	0.0%	Incorporated in Original Design and Base Bid
	ID SUBTOTAL	5	4	\$10,000	\$0	\$10,000	0.1%	
						7.2,200	5.170	
		I						
	TOTALS TO THE PERSON OF THE PE	6035E	12 JUNE 1	35-12000 000	a decapa			
Control of the Contro	100mmの 100mm	Second Alexandria		-wildening	2000,120	MUNICIPALUZU	11 A 26	